

5

10

15

20

An optical system capable of reducing trouble in assembly and skew adjustment, comprising first and second optical lenses arranged so that their optical axes coincide or substantially coincide, wherein the first optical lens has a substrate comprised of an optical material, the substrate has a convex portion serving as a convex lens, a flat portion positioned around the convex portion, and an outer circumference portion positioned around the flat portion, a thickness of the substrate at the outer circumference portion is greater than a thickness of the substrate at the convex portion, and the outer circumference portion of the first optical lens and that of the second optical lens are fixed in place by an adhesive so that the convex portion of the first optical lens faces the convex portion of the second optical lens.